

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110520AL\  
 Data File : FD035370.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Nov 2020 5:05  
 Sample : L4625-01  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110220.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.329       | 3.305        | 3.399      | BV       | 1971           | 24142        | 0.14%          | 0.003%        |
| 2         | 3.429       | 3.399        | 3.442      | PV       | 487            | 4615         | 0.03%          | 0.001%        |
| 3         | 3.453       | 3.442        | 3.466      | VV       | 338            | 3049         | 0.02%          | 0.000%        |
| 4         | 3.477       | 3.466        | 3.496      | VV       | 317            | 3380         | 0.02%          | 0.000%        |
| 5         | 3.516       | 3.496        | 3.581      | VV       | 397            | 8282         | 0.05%          | 0.001%        |
| 6         | 3.600       | 3.581        | 3.619      | PV       | 707            | 9728         | 0.06%          | 0.001%        |
| 7         | 3.629       | 3.619        | 3.651      | VV       | 277            | 3719         | 0.02%          | 0.000%        |
| 8         | 3.655       | 3.651        | 3.676      | VV       | 204            | 1669         | 0.01%          | 0.000%        |
| 9         | 3.701       | 3.676        | 3.712      | VV       | 934            | 9091         | 0.05%          | 0.001%        |
| 10        | 3.719       | 3.712        | 3.729      | VV       | 664            | 5191         | 0.03%          | 0.001%        |
| 11        | 3.739       | 3.729        | 3.757      | VV       | 701            | 6921         | 0.04%          | 0.001%        |
| 12        | 3.771       | 3.757        | 3.785      | VV       | 293            | 3151         | 0.02%          | 0.000%        |
| 13        | 3.794       | 3.785        | 3.804      | VV       | 204            | 1519         | 0.01%          | 0.000%        |
| 14        | 3.822       | 3.804        | 3.857      | VV       | 1991           | 27211        | 0.16%          | 0.003%        |
| 15        | 3.868       | 3.857        | 3.888      | VV       | 478            | 4180         | 0.02%          | 0.001%        |
| 16        | 3.907       | 3.888        | 3.965      | PV       | 1255           | 15600        | 0.09%          | 0.002%        |
| 17        | 3.998       | 3.965        | 4.072      | PV       | 2298           | 54078        | 0.32%          | 0.007%        |
| 18        | 4.089       | 4.072        | 4.120      | VV       | 623            | 7306         | 0.04%          | 0.001%        |
| 19        | 4.160       | 4.120        | 4.189      | PV       | 3205           | 41455        | 0.24%          | 0.005%        |
| 20        | 4.202       | 4.189        | 4.244      | VV       | 589            | 11565        | 0.07%          | 0.001%        |
| 21        | 4.255       | 4.244        | 4.288      | VV       | 383            | 4665         | 0.03%          | 0.001%        |
| 22        | 4.310       | 4.288        | 4.333      | VV       | 263            | 4324         | 0.03%          | 0.001%        |
| 23        | 4.350       | 4.333        | 4.372      | VV       | 425            | 5081         | 0.03%          | 0.001%        |
| 24        | 4.395       | 4.372        | 4.421      | VV       | 2992           | 29687        | 0.17%          | 0.004%        |
| 25        | 4.438       | 4.421        | 4.458      | VV       | 1080           | 10346        | 0.06%          | 0.001%        |
| 26        | 4.467       | 4.458        | 4.484      | VV       | 396            | 4216         | 0.02%          | 0.001%        |
| 27        | 4.500       | 4.484        | 4.523      | VV       | 496            | 6115         | 0.04%          | 0.001%        |
| 28        | 4.543       | 4.523        | 4.581      | PV       | 1856           | 21696        | 0.13%          | 0.003%        |
| 29        | 4.612       | 4.581        | 4.635      | VV       | 940            | 18152        | 0.11%          | 0.002%        |
| 30        | 4.647       | 4.635        | 4.664      | VV       | 1184           | 11192        | 0.07%          | 0.001%        |
| 31        | 4.677       | 4.664        | 4.692      | VV       | 540            | 5481         | 0.03%          | 0.001%        |
| 32        | 4.700       | 4.692        | 4.715      | VV       | 259            | 2218         | 0.01%          | 0.000%        |
| 33        | 4.748       | 4.715        | 4.758      | VV       | 862            | 10981        | 0.06%          | 0.001%        |
| 34        | 4.773       | 4.758        | 4.791      | VV       | 1368           | 16968        | 0.10%          | 0.002%        |
| 35        | 4.812       | 4.791        | 4.835      | VV       | 1277           | 19874        | 0.12%          | 0.002%        |
| 36        | 4.865       | 4.835        | 4.901      | VV       | 681            | 13789        | 0.08%          | 0.002%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.923 | 4.901 | 4.970 | PV | 444    | 6446   | 0.04% | 0.001% |
| 38 | 4.990 | 4.970 | 5.015 | VV | 789    | 10179  | 0.06% | 0.001% |
| 39 | 5.035 | 5.015 | 5.061 | VV | 809    | 12191  | 0.07% | 0.002% |
| 40 | 5.072 | 5.061 | 5.097 | VV | 571    | 8206   | 0.05% | 0.001% |
| 41 | 5.112 | 5.097 | 5.124 | VV | 889    | 8449   | 0.05% | 0.001% |
| 42 | 5.134 | 5.124 | 5.180 | VV | 643    | 8897   | 0.05% | 0.001% |
| 43 | 5.195 | 5.180 | 5.212 | VV | 430    | 3970   | 0.02% | 0.000% |
| 44 | 5.253 | 5.212 | 5.269 | VV | 411    | 8043   | 0.05% | 0.001% |
| 45 | 5.292 | 5.269 | 5.309 | VV | 640    | 10810  | 0.06% | 0.001% |
| 46 | 5.318 | 5.309 | 5.338 | VV | 558    | 5813   | 0.03% | 0.001% |
| 47 | 5.355 | 5.338 | 5.367 | VV | 175    | 1996   | 0.01% | 0.000% |
| 48 | 5.378 | 5.367 | 5.404 | VV | 288    | 3556   | 0.02% | 0.000% |
| 49 | 5.428 | 5.404 | 5.448 | PV | 4066   | 42532  | 0.25% | 0.005% |
| 50 | 5.460 | 5.448 | 5.530 | VV | 767    | 16222  | 0.10% | 0.002% |
| 51 | 5.559 | 5.530 | 5.579 | VV | 651    | 12139  | 0.07% | 0.002% |
| 52 | 5.609 | 5.579 | 5.655 | VV | 1496   | 32055  | 0.19% | 0.004% |
| 53 | 5.675 | 5.655 | 5.688 | VV | 330    | 5590   | 0.03% | 0.001% |
| 54 | 5.709 | 5.688 | 5.749 | VV | 1368   | 31516  | 0.19% | 0.004% |
| 55 | 5.765 | 5.749 | 5.783 | VV | 625    | 7817   | 0.05% | 0.001% |
| 56 | 5.801 | 5.783 | 5.820 | VV | 1033   | 10839  | 0.06% | 0.001% |
| 57 | 5.838 | 5.820 | 5.864 | VV | 421    | 7492   | 0.04% | 0.001% |
| 58 | 5.881 | 5.864 | 5.910 | VV | 365    | 5836   | 0.03% | 0.001% |
| 59 | 5.937 | 5.910 | 5.954 | VV | 528    | 9510   | 0.06% | 0.001% |
| 60 | 5.979 | 5.954 | 6.011 | VV | 13689  | 154282 | 0.91% | 0.019% |
| 61 | 6.023 | 6.011 | 6.048 | VV | 1356   | 20111  | 0.12% | 0.003% |
| 62 | 6.067 | 6.048 | 6.092 | VV | 946    | 13410  | 0.08% | 0.002% |
| 63 | 6.124 | 6.092 | 6.145 | VV | 1268   | 20530  | 0.12% | 0.003% |
| 64 | 6.163 | 6.145 | 6.178 | VV | 451    | 6593   | 0.04% | 0.001% |
| 65 | 6.198 | 6.178 | 6.208 | VV | 529    | 7044   | 0.04% | 0.001% |
| 66 | 6.214 | 6.208 | 6.231 | VV | 500    | 5209   | 0.03% | 0.001% |
| 67 | 6.244 | 6.231 | 6.268 | VV | 389    | 6172   | 0.04% | 0.001% |
| 68 | 6.287 | 6.268 | 6.305 | VV | 408    | 6522   | 0.04% | 0.001% |
| 69 | 6.343 | 6.305 | 6.376 | VV | 680    | 16758  | 0.10% | 0.002% |
| 70 | 6.405 | 6.376 | 6.466 | VV | 4221   | 53357  | 0.31% | 0.007% |
| 71 | 6.520 | 6.466 | 6.533 | PV | 486    | 11032  | 0.06% | 0.001% |
| 72 | 6.554 | 6.533 | 6.576 | VV | 1742   | 20211  | 0.12% | 0.003% |
| 73 | 6.602 | 6.576 | 6.644 | VV | 575    | 11236  | 0.07% | 0.001% |
| 74 | 6.682 | 6.644 | 6.703 | PV | 455    | 7682   | 0.05% | 0.001% |
| 75 | 6.727 | 6.703 | 6.748 | PV | 684    | 11157  | 0.07% | 0.001% |
| 76 | 6.764 | 6.748 | 6.781 | VV | 906    | 14183  | 0.08% | 0.002% |
| 77 | 6.806 | 6.781 | 6.847 | VV | 1555   | 29622  | 0.17% | 0.004% |
| 78 | 6.876 | 6.847 | 6.888 | VV | 543    | 10414  | 0.06% | 0.001% |
| 79 | 6.903 | 6.888 | 6.912 | VV | 879    | 10668  | 0.06% | 0.001% |
| 80 | 6.924 | 6.912 | 6.946 | VV | 882    | 14658  | 0.09% | 0.002% |
| 81 | 6.964 | 6.946 | 6.991 | VV | 903    | 13905  | 0.08% | 0.002% |
| 82 | 7.031 | 6.991 | 7.085 | VV | 7887   | 119069 | 0.70% | 0.015% |
| 83 | 7.106 | 7.085 | 7.145 | VV | 2204   | 35070  | 0.21% | 0.004% |
| 84 | 7.164 | 7.145 | 7.191 | VV | 5609   | 61210  | 0.36% | 0.008% |
| 85 | 7.202 | 7.191 | 7.244 | VV | 721    | 12695  | 0.07% | 0.002% |
| 86 | 7.282 | 7.244 | 7.295 | VV | 403    | 8454   | 0.05% | 0.001% |
| 87 | 7.326 | 7.295 | 7.355 | VV | 5064   | 69264  | 0.41% | 0.009% |
| 88 | 7.374 | 7.355 | 7.432 | VV | 1187   | 26659  | 0.16% | 0.003% |
| 89 | 7.449 | 7.432 | 7.471 | VV | 391    | 5252   | 0.03% | 0.001% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.504  | 7.471  | 7.532  | VV | 1178   | 22551   | 0.13%  | 0.003% |
| 91  | 7.546  | 7.532  | 7.567  | VV | 328    | 4992    | 0.03%  | 0.001% |
| 92  | 7.586  | 7.567  | 7.596  | PV | 505    | 5355    | 0.03%  | 0.001% |
| 93  | 7.754  | 7.722  | 7.791  | VV | 4502   | 90302   | 0.53%  | 0.011% |
| 94  | 7.804  | 7.791  | 7.827  | VV | 1291   | 16534   | 0.10%  | 0.002% |
| 95  | 7.846  | 7.827  | 7.867  | VV | 564    | 7264    | 0.04%  | 0.001% |
| 96  | 7.896  | 7.867  | 7.918  | VV | 1205   | 25349   | 0.15%  | 0.003% |
| 97  | 7.936  | 7.918  | 7.984  | VV | 2248   | 43380   | 0.25%  | 0.005% |
| 98  | 8.018  | 7.984  | 8.058  | PV | 3294   | 65850   | 0.39%  | 0.008% |
| 99  | 8.079  | 8.058  | 8.095  | VV | 1080   | 15031   | 0.09%  | 0.002% |
| 100 | 8.123  | 8.095  | 8.138  | VV | 4490   | 52710   | 0.31%  | 0.007% |
| 101 | 8.153  | 8.138  | 8.171  | VV | 3308   | 45104   | 0.26%  | 0.006% |
| 102 | 8.194  | 8.171  | 8.224  | VV | 7159   | 93043   | 0.55%  | 0.012% |
| 103 | 8.256  | 8.224  | 8.293  | VV | 15115  | 205665  | 1.21%  | 0.026% |
| 104 | 8.306  | 8.293  | 8.332  | VV | 3508   | 49648   | 0.29%  | 0.006% |
| 105 | 8.357  | 8.332  | 8.386  | VV | 6950   | 104257  | 0.61%  | 0.013% |
| 106 | 8.397  | 8.386  | 8.421  | VV | 1605   | 24640   | 0.14%  | 0.003% |
| 107 | 8.458  | 8.421  | 8.474  | VV | 2608   | 46115   | 0.27%  | 0.006% |
| 108 | 8.584  | 8.562  | 8.630  | VV | 7231   | 211054  | 1.24%  | 0.026% |
| 109 | 8.651  | 8.630  | 8.674  | VV | 12519  | 181356  | 1.07%  | 0.023% |
| 110 | 8.690  | 8.674  | 8.700  | VV | 6525   | 82971   | 0.49%  | 0.010% |
| 111 | 8.717  | 8.700  | 8.727  | VV | 11277  | 141560  | 0.83%  | 0.018% |
| 112 | 8.737  | 8.727  | 8.761  | VV | 11313  | 148966  | 0.88%  | 0.019% |
| 113 | 8.780  | 8.761  | 8.792  | VV | 4842   | 74009   | 0.43%  | 0.009% |
| 114 | 8.818  | 8.792  | 8.833  | VV | 6654   | 135912  | 0.80%  | 0.017% |
| 115 | 8.843  | 8.833  | 8.855  | VV | 5659   | 70217   | 0.41%  | 0.009% |
| 116 | 8.874  | 8.855  | 8.900  | VV | 10523  | 179730  | 1.06%  | 0.022% |
| 117 | 8.938  | 8.900  | 8.990  | VV | 8754   | 344439  | 2.02%  | 0.043% |
| 118 | 9.013  | 8.990  | 9.037  | VV | 12114  | 237118  | 1.39%  | 0.030% |
| 119 | 9.050  | 9.037  | 9.066  | VV | 8059   | 116286  | 0.68%  | 0.015% |
| 120 | 9.116  | 9.066  | 9.138  | VV | 28748  | 497795  | 2.92%  | 0.062% |
| 121 | 9.162  | 9.138  | 9.180  | VV | 10853  | 205888  | 1.21%  | 0.026% |
| 122 | 9.196  | 9.180  | 9.206  | VV | 8439   | 118129  | 0.69%  | 0.015% |
| 123 | 9.258  | 9.206  | 9.281  | VV | 29262  | 611372  | 3.59%  | 0.076% |
| 124 | 9.320  | 9.281  | 9.339  | VV | 29283  | 548581  | 3.22%  | 0.069% |
| 125 | 9.352  | 9.339  | 9.366  | VV | 16896  | 238431  | 1.40%  | 0.030% |
| 126 | 9.382  | 9.366  | 9.390  | VV | 18327  | 244025  | 1.43%  | 0.031% |
| 127 | 9.404  | 9.390  | 9.435  | VV | 23391  | 430724  | 2.53%  | 0.054% |
| 128 | 9.467  | 9.435  | 9.505  | VV | 47241  | 1043973 | 6.13%  | 0.130% |
| 129 | 9.563  | 9.505  | 9.579  | VV | 43776  | 986989  | 5.80%  | 0.123% |
| 130 | 9.592  | 9.579  | 9.668  | VV | 27276  | 1168871 | 6.87%  | 0.146% |
| 131 | 9.720  | 9.668  | 9.750  | VV | 52130  | 1423005 | 8.36%  | 0.178% |
| 132 | 9.787  | 9.750  | 9.799  | VV | 65885  | 1111315 | 6.53%  | 0.139% |
| 133 | 9.817  | 9.799  | 9.845  | VV | 120597 | 1780923 | 10.46% | 0.223% |
| 134 | 9.907  | 9.845  | 9.923  | VV | 51637  | 1409363 | 8.28%  | 0.176% |
| 135 | 9.937  | 9.923  | 9.967  | VV | 42800  | 906263  | 5.32%  | 0.113% |
| 136 | 10.009 | 9.967  | 10.053 | VV | 184418 | 4617209 | 27.12% | 0.577% |
| 137 | 10.086 | 10.053 | 10.100 | VV | 72612  | 1541009 | 9.05%  | 0.193% |
| 138 | 10.130 | 10.100 | 10.145 | VV | 118862 | 2422995 | 14.23% | 0.303% |
| 139 | 10.179 | 10.145 | 10.230 | VV | 186796 | 4601025 | 27.03% | 0.575% |
| 140 | 10.270 | 10.230 | 10.292 | VV | 391633 | 6031315 | 35.43% | 0.754% |
| 141 | 10.302 | 10.292 | 10.329 | VV | 99296  | 1745829 | 10.26% | 0.218% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 10.346 | 10.329 | 10.366 | VV | 71005  | 1334000  | 7.84%   | 0.167% |
| 143    | 10.391 | 10.366 | 10.412 | VV | 98933  | 1839689  | 10.81%  | 0.230% |
| 144    | 10.460 | 10.412 | 10.474 | VV | 366095 | 6840607  | 40.18%  | 0.855% |
| 145    | 10.487 | 10.474 | 10.507 | VV | 382253 | 4534269  | 26.64%  | 0.567% |
| 146    | 10.518 | 10.507 | 10.534 | VV | 90362  | 1284281  | 7.54%   | 0.161% |
| 147    | 10.561 | 10.534 | 10.596 | VV | 143076 | 3518620  | 20.67%  | 0.440% |
| 148    | 10.635 | 10.596 | 10.657 | VV | 133080 | 3363169  | 19.76%  | 0.420% |
| 149    | 10.679 | 10.657 | 10.687 | VV | 110015 | 1632911  | 9.59%   | 0.204% |
| 150    | 10.701 | 10.687 | 10.725 | VV | 127689 | 2402670  | 14.11%  | 0.300% |
| 151    | 10.744 | 10.725 | 10.762 | VV | 119347 | 2203890  | 12.95%  | 0.275% |
| 152    | 10.786 | 10.762 | 10.825 | VV | 166490 | 4340055  | 25.49%  | 0.542% |
| 153    | 10.850 | 10.825 | 10.874 | VV | 159149 | 3586951  | 21.07%  | 0.448% |
| 154    | 10.887 | 10.874 | 10.918 | VV | 104503 | 2551116  | 14.99%  | 0.319% |
| 155    | 10.945 | 10.918 | 10.959 | VV | 153837 | 2986863  | 17.55%  | 0.373% |
| 156    | 10.973 | 10.959 | 10.989 | VV | 157329 | 2463332  | 14.47%  | 0.308% |
| 157    | 11.007 | 10.989 | 11.025 | VV | 163872 | 2909592  | 17.09%  | 0.364% |
| 158    | 11.041 | 11.025 | 11.055 | VV | 165850 | 2436364  | 14.31%  | 0.305% |
| 159    | 11.079 | 11.055 | 11.101 | VV | 189673 | 4184179  | 24.58%  | 0.523% |
| 160    | 11.154 | 11.101 | 11.175 | VV | 234115 | 7521257  | 44.18%  | 0.940% |
| 161    | 11.211 | 11.175 | 11.243 | VV | 303491 | 8930200  | 52.46%  | 1.116% |
| 162    | 11.253 | 11.243 | 11.276 | VV | 180021 | 3137837  | 18.43%  | 0.392% |
| 163    | 11.305 | 11.276 | 11.346 | VV | 392934 | 8754916  | 51.43%  | 1.094% |
| 164    | 11.384 | 11.346 | 11.403 | VV | 274620 | 6617998  | 38.88%  | 0.827% |
| 165    | 11.446 | 11.403 | 11.463 | VV | 335065 | 9423834  | 55.36%  | 1.178% |
| 166    | 11.497 | 11.463 | 11.518 | VV | 326304 | 8835079  | 51.90%  | 1.104% |
| 167    | 11.549 | 11.518 | 11.572 | VV | 773508 | 13678074 | 80.35%  | 1.710% |
| 168    | 11.590 | 11.572 | 11.608 | VV | 301976 | 5529558  | 32.48%  | 0.691% |
| 169    | 11.637 | 11.608 | 11.661 | VV | 417502 | 9954909  | 58.48%  | 1.244% |
| 170    | 11.694 | 11.661 | 11.749 | VV | 439720 | 16778397 | 98.56%  | 2.097% |
| 171    | 11.788 | 11.749 | 11.832 | VV | 525425 | 17023669 | 100.00% | 2.128% |
| 172    | 11.860 | 11.832 | 11.881 | VV | 479237 | 10823946 | 63.58%  | 1.353% |
| 173    | 11.919 | 11.881 | 11.946 | VV | 496440 | 15613642 | 91.72%  | 1.952% |
| 174    | 11.957 | 11.946 | 11.972 | VV | 361092 | 5206568  | 30.58%  | 0.651% |
| 175    | 11.986 | 11.972 | 11.999 | VV | 382058 | 5694977  | 33.45%  | 0.712% |
| 176    | 12.041 | 11.999 | 12.066 | VV | 491728 | 15821124 | 92.94%  | 1.978% |
| 177    | 12.083 | 12.066 | 12.106 | VV | 379518 | 7740554  | 45.47%  | 0.968% |
| 178    | 12.126 | 12.106 | 12.168 | VV | 394873 | 12145303 | 71.34%  | 1.518% |
| 179    | 12.184 | 12.168 | 12.208 | VV | 335196 | 6816585  | 40.04%  | 0.852% |
| 180    | 12.247 | 12.208 | 12.275 | VV | 316455 | 10304091 | 60.53%  | 1.288% |
| 181    | 12.297 | 12.275 | 12.312 | VV | 417108 | 7559244  | 44.40%  | 0.945% |
| 182    | 12.325 | 12.312 | 12.359 | VV | 359836 | 7903867  | 46.43%  | 0.988% |
| 183    | 12.382 | 12.359 | 12.401 | VV | 279071 | 6188783  | 36.35%  | 0.774% |
| 184    | 12.424 | 12.401 | 12.440 | VV | 277217 | 6106873  | 35.87%  | 0.763% |
| 185    | 12.453 | 12.440 | 12.466 | VV | 280093 | 4009926  | 23.56%  | 0.501% |
| 186    | 12.481 | 12.466 | 12.499 | VV | 277889 | 5035427  | 29.58%  | 0.629% |
| 187    | 12.523 | 12.499 | 12.541 | VV | 272073 | 6284179  | 36.91%  | 0.785% |
| 188    | 12.576 | 12.541 | 12.615 | VV | 305026 | 11945749 | 70.17%  | 1.493% |
| 189    | 12.631 | 12.615 | 12.647 | VV | 269155 | 4935026  | 28.99%  | 0.617% |
| 190    | 12.669 | 12.647 | 12.685 | VV | 283745 | 6212578  | 36.49%  | 0.777% |
| 191    | 12.708 | 12.685 | 12.727 | VV | 329506 | 7141677  | 41.95%  | 0.893% |
| 192    | 12.748 | 12.727 | 12.831 | VV | 302935 | 15579800 | 91.52%  | 1.947% |
| 193    | 12.873 | 12.831 | 12.886 | VV | 292787 | 8259330  | 48.52%  | 1.032% |
| 194    | 12.899 | 12.886 | 12.910 | VV | 291608 | 3950461  | 23.21%  | 0.494% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 12.919 | 12.910 | 12.929 | VV | 290310 | 3322485  | 19.52% | 0.415% |
| 196 | 12.945 | 12.929 | 12.962 | VV | 336272 | 5682535  | 33.38% | 0.710% |
| 197 | 12.984 | 12.962 | 13.016 | VV | 585356 | 11965994 | 70.29% | 1.496% |
| 198 | 13.036 | 13.016 | 13.060 | VV | 268687 | 6541001  | 38.42% | 0.818% |
| 199 | 13.096 | 13.060 | 13.178 | VV | 278019 | 17016389 | 99.96% | 2.127% |
| 200 | 13.187 | 13.178 | 13.212 | VV | 228607 | 4371548  | 25.68% | 0.546% |
| 201 | 13.268 | 13.212 | 13.298 | VV | 249340 | 11342584 | 66.63% | 1.418% |
| 202 | 13.327 | 13.298 | 13.361 | VV | 258753 | 8861241  | 52.05% | 1.108% |
| 203 | 13.379 | 13.361 | 13.392 | VV | 235196 | 4255308  | 25.00% | 0.532% |
| 204 | 13.408 | 13.392 | 13.429 | VV | 239964 | 5005027  | 29.40% | 0.626% |
| 205 | 13.462 | 13.429 | 13.476 | VV | 214774 | 5834930  | 34.28% | 0.729% |
| 206 | 13.505 | 13.476 | 13.547 | VV | 248206 | 8883408  | 52.18% | 1.110% |
| 207 | 13.567 | 13.547 | 13.579 | VV | 213324 | 3753934  | 22.05% | 0.469% |
| 208 | 13.591 | 13.579 | 13.607 | VV | 211272 | 3446885  | 20.25% | 0.431% |
| 209 | 13.629 | 13.607 | 13.657 | VV | 233609 | 6024699  | 35.39% | 0.753% |
| 210 | 13.680 | 13.657 | 13.713 | VV | 199677 | 6243966  | 36.68% | 0.780% |
| 211 | 13.727 | 13.713 | 13.745 | VV | 180568 | 3422715  | 20.11% | 0.428% |
| 212 | 13.760 | 13.745 | 13.825 | VV | 189899 | 8278666  | 48.63% | 1.035% |
| 213 | 13.851 | 13.825 | 13.898 | VV | 186767 | 7512579  | 44.13% | 0.939% |
| 214 | 13.942 | 13.898 | 13.963 | VV | 190336 | 6705769  | 39.39% | 0.838% |
| 215 | 13.988 | 13.963 | 14.027 | VV | 170763 | 6192950  | 36.38% | 0.774% |
| 216 | 14.053 | 14.027 | 14.130 | VV | 205665 | 10291738 | 60.46% | 1.286% |
| 217 | 14.157 | 14.130 | 14.198 | VV | 169851 | 6541341  | 38.42% | 0.818% |
| 218 | 14.241 | 14.198 | 14.268 | VV | 172832 | 6746488  | 39.63% | 0.843% |
| 219 | 14.285 | 14.268 | 14.309 | VV | 163482 | 3814983  | 22.41% | 0.477% |
| 220 | 14.334 | 14.309 | 14.369 | VV | 167444 | 5671972  | 33.32% | 0.709% |
| 221 | 14.399 | 14.369 | 14.438 | VV | 170791 | 6749477  | 39.65% | 0.844% |
| 222 | 14.459 | 14.438 | 14.490 | VV | 171465 | 4859746  | 28.55% | 0.607% |
| 223 | 14.511 | 14.490 | 14.522 | VV | 156754 | 2849679  | 16.74% | 0.356% |
| 224 | 14.552 | 14.522 | 14.580 | VV | 172213 | 5596142  | 32.87% | 0.699% |
| 225 | 14.600 | 14.580 | 14.627 | VV | 180513 | 4670787  | 27.44% | 0.584% |
| 226 | 14.640 | 14.627 | 14.666 | VV | 155768 | 3590117  | 21.09% | 0.449% |
| 227 | 14.727 | 14.666 | 14.754 | VV | 178226 | 8611208  | 50.58% | 1.076% |
| 228 | 14.771 | 14.754 | 14.795 | VV | 173891 | 4111213  | 24.15% | 0.514% |
| 229 | 14.811 | 14.795 | 14.831 | VV | 185793 | 3811060  | 22.39% | 0.476% |
| 230 | 14.840 | 14.831 | 14.859 | VV | 175071 | 2851611  | 16.75% | 0.356% |
| 231 | 14.875 | 14.859 | 14.915 | VV | 167192 | 5355391  | 31.46% | 0.669% |
| 232 | 14.952 | 14.915 | 14.978 | VV | 176396 | 6227718  | 36.58% | 0.778% |
| 233 | 14.999 | 14.978 | 15.024 | VV | 175374 | 4521045  | 26.56% | 0.565% |
| 234 | 15.043 | 15.024 | 15.061 | VV | 187420 | 3950756  | 23.21% | 0.494% |
| 235 | 15.088 | 15.061 | 15.113 | VV | 176648 | 5247305  | 30.82% | 0.656% |
| 236 | 15.146 | 15.113 | 15.165 | VV | 169831 | 4996319  | 29.35% | 0.625% |
| 237 | 15.213 | 15.165 | 15.256 | VV | 221512 | 10242318 | 60.17% | 1.280% |
| 238 | 15.275 | 15.256 | 15.298 | VV | 169215 | 4103257  | 24.10% | 0.513% |
| 239 | 15.325 | 15.298 | 15.363 | VV | 172067 | 6578180  | 38.64% | 0.822% |
| 240 | 15.391 | 15.363 | 15.416 | VV | 183958 | 5450980  | 32.02% | 0.681% |
| 241 | 15.438 | 15.416 | 15.458 | VV | 183172 | 4299483  | 25.26% | 0.537% |
| 242 | 15.491 | 15.458 | 15.514 | VV | 168220 | 5350606  | 31.43% | 0.669% |
| 243 | 15.530 | 15.514 | 15.540 | VV | 152677 | 2372211  | 13.93% | 0.297% |
| 244 | 15.557 | 15.540 | 15.567 | VV | 163009 | 2510520  | 14.75% | 0.314% |
| 245 | 15.590 | 15.567 | 15.617 | VV | 171174 | 4715234  | 27.70% | 0.589% |
| 246 | 15.639 | 15.617 | 15.677 | VV | 157843 | 5267755  | 30.94% | 0.658% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.689 | 15.677 | 15.709 | VV | 143324 | 2672465 | 15.70% | 0.334% |
| 248    | 15.719 | 15.709 | 15.740 | VV | 137507 | 2508752 | 14.74% | 0.314% |
| 249    | 15.756 | 15.740 | 15.792 | VV | 145441 | 4088371 | 24.02% | 0.511% |
| 250    | 15.828 | 15.792 | 15.856 | VV | 143285 | 5001334 | 29.38% | 0.625% |
| 251    | 15.869 | 15.856 | 15.914 | VV | 125010 | 4034033 | 23.70% | 0.504% |
| 252    | 15.935 | 15.914 | 15.954 | VV | 114352 | 2563904 | 15.06% | 0.320% |
| 253    | 15.964 | 15.954 | 15.982 | VV | 102690 | 1656674 | 9.73%  | 0.207% |
| 254    | 16.001 | 15.982 | 16.041 | VV | 103700 | 3520908 | 20.68% | 0.440% |
| 255    | 16.055 | 16.041 | 16.081 | VV | 100540 | 2252908 | 13.23% | 0.282% |
| 256    | 16.094 | 16.081 | 16.120 | VV | 88381  | 2022325 | 11.88% | 0.253% |
| 257    | 16.134 | 16.120 | 16.166 | VV | 86357  | 2304622 | 13.54% | 0.288% |
| 258    | 16.179 | 16.166 | 16.223 | VV | 83837  | 2803420 | 16.47% | 0.350% |
| 259    | 16.237 | 16.223 | 16.255 | VV | 80789  | 1475706 | 8.67%  | 0.184% |
| 260    | 16.319 | 16.255 | 16.376 | VV | 100162 | 5743303 | 33.74% | 0.718% |
| 261    | 16.405 | 16.376 | 16.436 | VV | 136556 | 3189997 | 18.74% | 0.399% |
| 262    | 16.456 | 16.436 | 16.509 | VV | 67929  | 2732394 | 16.05% | 0.342% |
| 263    | 16.519 | 16.509 | 16.565 | VV | 59246  | 1896253 | 11.14% | 0.237% |
| 264    | 16.575 | 16.565 | 16.586 | VV | 54685  | 686057  | 4.03%  | 0.086% |
| 265    | 16.609 | 16.586 | 16.622 | VV | 58510  | 1202640 | 7.06%  | 0.150% |
| 266    | 16.638 | 16.622 | 16.673 | VV | 65768  | 1707056 | 10.03% | 0.213% |
| 267    | 16.696 | 16.673 | 16.747 | VV | 62255  | 2258850 | 13.27% | 0.282% |
| 268    | 16.758 | 16.747 | 16.771 | VV | 45422  | 657074  | 3.86%  | 0.082% |
| 269    | 16.795 | 16.771 | 16.859 | VV | 49721  | 2333399 | 13.71% | 0.292% |
| 270    | 16.875 | 16.859 | 16.891 | VV | 40942  | 776119  | 4.56%  | 0.097% |
| 271    | 16.902 | 16.891 | 16.992 | VV | 38998  | 2125812 | 12.49% | 0.266% |
| 272    | 17.014 | 16.992 | 17.095 | VV | 34493  | 1964845 | 11.54% | 0.246% |
| 273    | 17.106 | 17.095 | 17.131 | VV | 28832  | 600337  | 3.53%  | 0.075% |
| 274    | 17.152 | 17.131 | 17.163 | VV | 27154  | 495758  | 2.91%  | 0.062% |
| 275    | 17.168 | 17.163 | 17.178 | VV | 26309  | 230574  | 1.35%  | 0.029% |
| 276    | 17.198 | 17.178 | 17.206 | VV | 27547  | 458526  | 2.69%  | 0.057% |
| 277    | 17.216 | 17.206 | 17.268 | VV | 27669  | 913249  | 5.36%  | 0.114% |
| 278    | 17.275 | 17.268 | 17.298 | VV | 23292  | 393820  | 2.31%  | 0.049% |
| 279    | 17.312 | 17.298 | 17.326 | VV | 21741  | 358555  | 2.11%  | 0.045% |
| 280    | 17.351 | 17.326 | 17.388 | VV | 24387  | 796890  | 4.68%  | 0.100% |
| 281    | 17.398 | 17.388 | 17.515 | VV | 18986  | 1326794 | 7.79%  | 0.166% |
| 282    | 17.520 | 17.515 | 17.545 | VV | 16961  | 286106  | 1.68%  | 0.036% |
| 283    | 17.567 | 17.545 | 17.601 | VV | 15901  | 517797  | 3.04%  | 0.065% |
| 284    | 17.618 | 17.601 | 17.631 | VV | 15958  | 274437  | 1.61%  | 0.034% |
| 285    | 17.663 | 17.631 | 17.702 | VV | 17683  | 654188  | 3.84%  | 0.082% |
| 286    | 17.714 | 17.702 | 17.734 | VV | 13438  | 241828  | 1.42%  | 0.030% |
| 287    | 17.744 | 17.734 | 17.773 | VV | 12976  | 295356  | 1.73%  | 0.037% |
| 288    | 17.786 | 17.773 | 17.798 | VV | 12699  | 189678  | 1.11%  | 0.024% |
| 289    | 17.814 | 17.798 | 17.826 | VV | 15423  | 239066  | 1.40%  | 0.030% |
| 290    | 17.835 | 17.826 | 17.895 | VV | 14355  | 487859  | 2.87%  | 0.061% |
| 291    | 17.910 | 17.895 | 17.939 | VV | 10075  | 247048  | 1.45%  | 0.031% |
| 292    | 17.970 | 17.939 | 18.002 | VV | 11449  | 377555  | 2.22%  | 0.047% |
| 293    | 18.024 | 18.002 | 18.042 | VV | 17653  | 337177  | 1.98%  | 0.042% |
| 294    | 18.059 | 18.042 | 18.120 | VV | 19148  | 615998  | 3.62%  | 0.077% |
| 295    | 18.145 | 18.120 | 18.157 | VV | 9184   | 188682  | 1.11%  | 0.024% |
| 296    | 18.184 | 18.157 | 18.208 | VV | 13485  | 320244  | 1.88%  | 0.040% |
| 297    | 18.221 | 18.208 | 18.276 | VV | 9688   | 322617  | 1.90%  | 0.040% |
| 298    | 18.310 | 18.276 | 18.361 | VV | 17168  | 450639  | 2.65%  | 0.056% |
| 299    | 18.368 | 18.361 | 18.381 | VV | 6300   | 73524   | 0.43%  | 0.009% |

|     |        |        |        |    |                                   |         |        |        |
|-----|--------|--------|--------|----|-----------------------------------|---------|--------|--------|
|     |        |        |        |    | rt                                | eres    |        |        |
| 300 | 18.389 | 18.381 | 18.424 | VV | 6194                              | 144614  | 0.85%  | 0.018% |
| 301 | 18.445 | 18.424 | 18.462 | VV | 8115                              | 153213  | 0.90%  | 0.019% |
| 302 | 18.488 | 18.462 | 18.531 | VV | 10270                             | 285673  | 1.68%  | 0.036% |
| 303 | 18.549 | 18.531 | 18.569 | VV | 4801                              | 101640  | 0.60%  | 0.013% |
| 304 | 18.593 | 18.569 | 18.613 | VV | 5752                              | 127169  | 0.75%  | 0.016% |
| 305 | 18.623 | 18.613 | 18.628 | VV | 4936                              | 42102   | 0.25%  | 0.005% |
| 306 | 18.647 | 18.628 | 18.675 | VV | 5706                              | 137946  | 0.81%  | 0.017% |
| 307 | 18.698 | 18.675 | 18.718 | VV | 4139                              | 100088  | 0.59%  | 0.013% |
| 308 | 18.742 | 18.718 | 18.758 | VV | 5049                              | 106874  | 0.63%  | 0.013% |
| 309 | 18.776 | 18.758 | 18.798 | VV | 4982                              | 110731  | 0.65%  | 0.014% |
| 310 | 18.850 | 18.798 | 18.875 | VV | 11564                             | 361721  | 2.12%  | 0.045% |
| 311 | 18.893 | 18.875 | 18.950 | VV | 9939                              | 354169  | 2.08%  | 0.044% |
| 312 | 18.966 | 18.950 | 18.978 | VV | 6452                              | 102301  | 0.60%  | 0.013% |
| 313 | 18.993 | 18.978 | 19.045 | VV | 7463                              | 242607  | 1.43%  | 0.030% |
| 314 | 19.086 | 19.045 | 19.160 | VV | 6116                              | 330517  | 1.94%  | 0.041% |
| 315 | 19.174 | 19.160 | 19.211 | VV | 4039                              | 116394  | 0.68%  | 0.015% |
| 316 | 19.269 | 19.211 | 19.286 | VV | 6967                              | 208793  | 1.23%  | 0.026% |
| 317 | 19.334 | 19.286 | 19.355 | VV | 6403                              | 246880  | 1.45%  | 0.031% |
| 318 | 19.398 | 19.355 | 19.421 | VV | 9170                              | 320712  | 1.88%  | 0.040% |
| 319 | 19.461 | 19.421 | 19.488 | VV | 12867                             | 409636  | 2.41%  | 0.051% |
| 320 | 19.528 | 19.488 | 19.593 | VV | 11891                             | 591726  | 3.48%  | 0.074% |
| 321 | 19.637 | 19.593 | 19.666 | VV | 11696                             | 419309  | 2.46%  | 0.052% |
| 322 | 19.676 | 19.666 | 19.683 | VV | 8120                              | 80026   | 0.47%  | 0.010% |
| 323 | 19.694 | 19.683 | 19.725 | VV | 7999                              | 192163  | 1.13%  | 0.024% |
| 324 | 19.748 | 19.725 | 19.758 | VV | 8634                              | 164967  | 0.97%  | 0.021% |
| 325 | 19.838 | 19.758 | 19.867 | VV | 15066                             | 737176  | 4.33%  | 0.092% |
| 326 | 19.895 | 19.867 | 19.985 | VV | 13937                             | 837846  | 4.92%  | 0.105% |
| 327 | 20.006 | 19.985 | 20.043 | VV | 11769                             | 370048  | 2.17%  | 0.046% |
| 328 | 20.168 | 20.043 | 20.198 | VV | 18183                             | 1137947 | 6.68%  | 0.142% |
| 329 | 20.254 | 20.198 | 20.302 | VV | 15545                             | 936393  | 5.50%  | 0.117% |
| 330 | 20.316 | 20.302 | 20.337 | VV | 15127                             | 309451  | 1.82%  | 0.039% |
| 331 | 20.357 | 20.337 | 20.388 | VV | 15763                             | 450599  | 2.65%  | 0.056% |
| 332 | 20.489 | 20.388 | 20.498 | VV | 17634                             | 1021417 | 6.00%  | 0.128% |
| 333 | 20.522 | 20.498 | 20.563 | VV | 18561                             | 686049  | 4.03%  | 0.086% |
| 334 | 20.573 | 20.563 | 20.584 | VV | 16531                             | 210027  | 1.23%  | 0.026% |
| 335 | 20.599 | 20.584 | 20.635 | VV | 17009                             | 485811  | 2.85%  | 0.061% |
| 336 | 20.645 | 20.635 | 20.683 | VV | 15752                             | 430287  | 2.53%  | 0.054% |
| 337 | 20.734 | 20.683 | 20.957 | VV | 16128                             | 1843880 | 10.83% | 0.230% |
| 338 | 21.048 | 20.957 | 21.068 | VV | 7772                              | 473708  | 2.78%  | 0.059% |
| 339 | 21.120 | 21.068 | 21.161 | VV | 9768                              | 486205  | 2.86%  | 0.061% |
| 340 | 21.205 | 21.161 | 21.301 | VV | 8791                              | 564571  | 3.32%  | 0.071% |
| 341 | 21.381 | 21.301 | 21.396 | VV | 7493                              | 350658  | 2.06%  | 0.044% |
| 342 | 21.405 | 21.396 | 21.489 | VV | 7173                              | 306388  | 1.80%  | 0.038% |
| 343 | 21.497 | 21.489 | 21.548 | VV | 3752                              | 111382  | 0.65%  | 0.014% |
| 344 | 21.603 | 21.548 | 21.614 | VV | 5196                              | 159911  | 0.94%  | 0.020% |
| 345 | 21.622 | 21.614 | 21.656 | VV | 4898                              | 111193  | 0.65%  | 0.014% |
| 346 | 21.680 | 21.656 | 21.760 | VV | 4052                              | 157986  | 0.93%  | 0.020% |
| 347 | 21.774 | 21.760 | 21.786 | VV | 249                               | 2849    | 0.02%  | 0.000% |
|     |        |        |        |    | Sum of corrected areas: 800036133 |         |        |        |